APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Origin Determination and Importance of Enzymes in the Soil,
by E. Hofmann, G. Hoffmann,
GERMAN, per, Z fuer Pflanzenernaehrung, Duengung, Bodenkunde
Vol LXVIII, 1955, pp 9-16.

NZDIA

Sci-Biol & Med Sci
Feb 64

250, 078

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Saccharase Content of the Soils Under the Influence of Various Factors of Soils Fertility, by E. Hofmann, K. Braethlich, GERMAN, per, Z fuer Pflanzenernaehrung, Duengung und Bodenkunde, Vol LXXIII XVIII, 1955, pp 114-123.

NZDIA

Sci-Biol & mMed Sci
Feb 64

250, 077

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Reaction of Benzoquinone with Alkali, by H. Erdtman.

GERMAN, per, Z. Pflanzenernahr Dung u Bodenk, Vol LXIX, No 1-3, 1955.

CSIRO-3172

Sci

Aug 59

93,623

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Chemistry of Natural Tannins, by O. Schmidt,
6 pp.

GERMAN, per, Z. Pflan Dung Bodenkunde, Vol LXIX,
No 1-3, pp 15-25, 1955.

OSIRO-3170

Sci - Chem
Aug 58

90, 652

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Problem of the Lignin-Carbohydrate Linkage in Wood, by H. Richtzenhain

GERMAN, per, Z. fuer Pflanz Bodenk, Vol LXIX, No 1-3, 1955, pp 25 31.

CSIRO-3171

Sci

Jul 59

92.711

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Part Played by Enzymes in Humus Formation, by E. Hofmann

GERMAN, per, Z. Fuer Z Pflanz Dung Bodenk, Vol LXIX, no 1-3, 1955, pp 65-71.

CSIRO-3179

Sci

Jul 59

91,369

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Humic Acids from Compost Made of Various Plant Raw Materials, by U. Springer.

GERMAN, per, Z. Pflanz Dung Bodenk, Vol LXIX, No 1-3, 1955, pp 66-71.

CSIRO-3174

Sci

Aug 58

72,252

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Investigations of Humic Acids Isolated from Different Types of Soil, by K. Mehring.

GERMAN, Z. Pflanzenernah Dung u Bodenk, Vol LXIX, No 3, 1955, pp 71-85.

CSIRO-3175

Sci

Aug 59

93, 628

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Study of the Forms of Organic Matter in Soils-
Application to the Natural Medium and to Control
of Experimental Results, by S. Henin, L. Turg.

GERMAN, per, Z. Pflanzenerdhr Dung u Bodenk, Vol
LXIX, No 1-3, 1955, pp 94-97.

CSIRO-3176

Sci

Aug 59

93,625

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Copper Bonding and Fixation by Humic Acid, by E. Schilichting, 5 pp.

GERMAN, per, Z. Pflanzenernahr Dung u Bodenk, No 1-3, Jun 1955, pp 134-137.

SLA 57-3245

Sci

Aug 58

72,250

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Decomposition of Pectins: the First Attack on the Organic Plant Substances, by K. T. Wieringa.

GERMAN, Paper, Z. Pflanz Dung Bodenk, Vol LXIX, No 1-3, 1955, pp 150-159.

CSIRO-3177

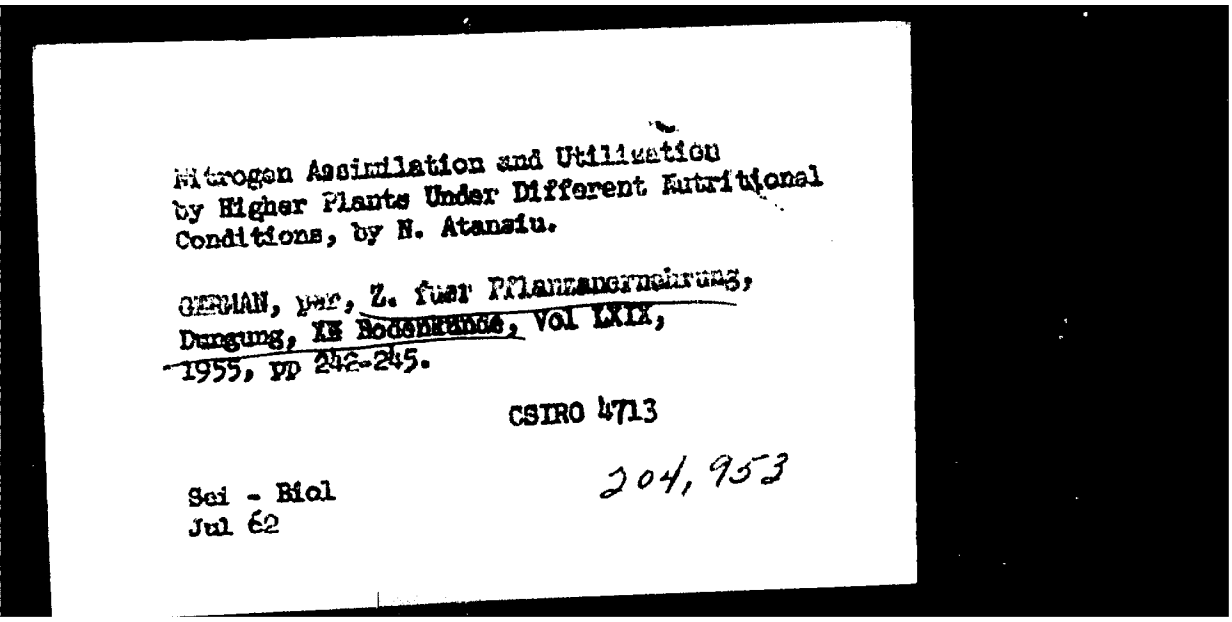
Sci

Jul 59

91,378

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Nitrogen Assimilation and Utilization by Higher Plants Under Different Nutritional Conditions, by N. Atanasiu.

GERMAN, [illegible], Z. fuer Pflanzenernaehrung, Duengung, Bodenkunde, Vol LXIX, 1955, pp 242-245.

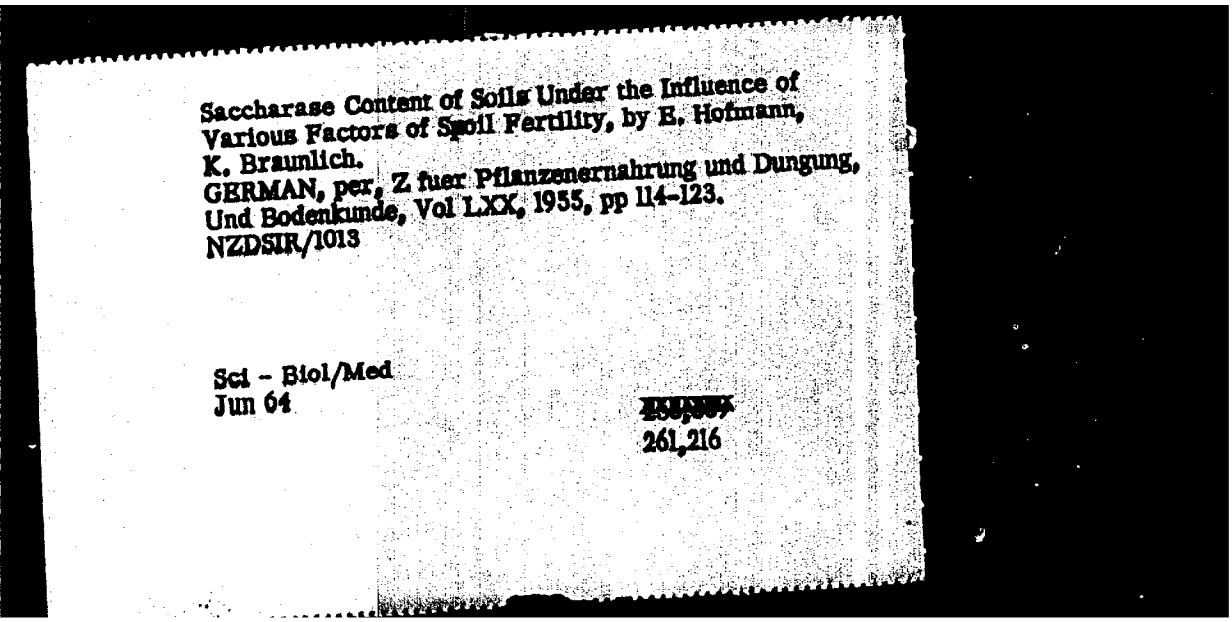
CSIRO 4713

204,953

Sci - Biol
Jul 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Saccharase Content of Soils Under the Influence of Various Factors of Spoil Fertility, by E. Hofmann, K. Braunlich.
GERMAN, per, Z fuer Pflanzenernahrung und Dungung, Und Bodenkunde, Vol LXX, 1955, pp 114-123.
NZDSIR/1013

Sci - Biol/Med
Jun 64

261,216

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

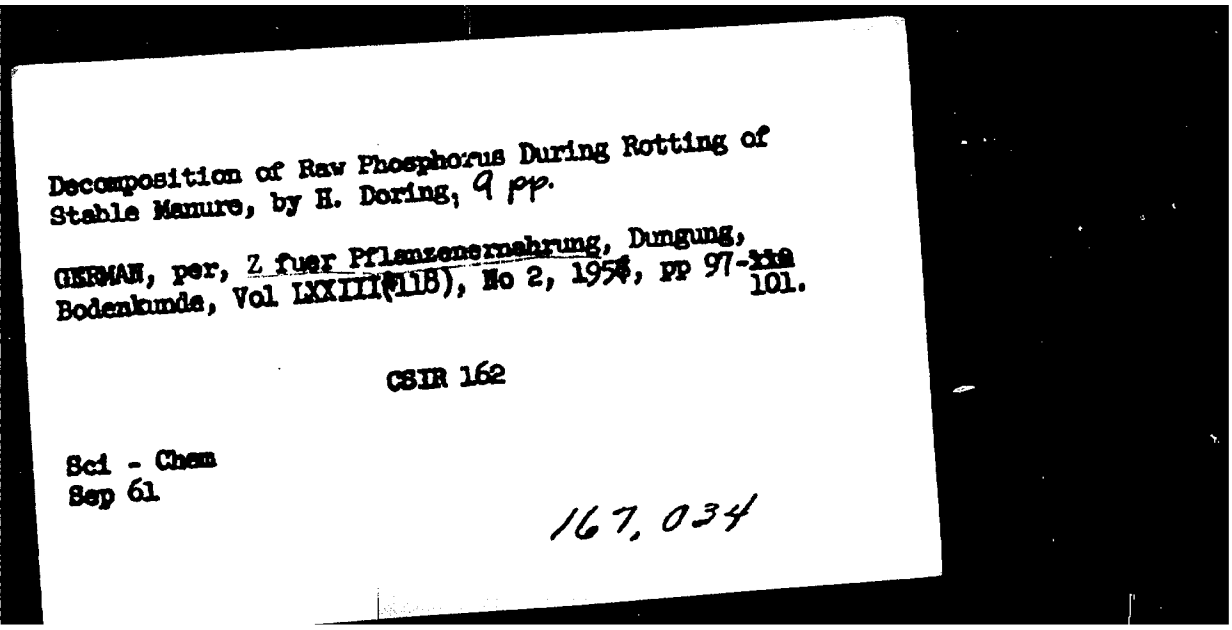
Production Conditions and Characteristics of Some Iron Phosphates. A Contribution to Phosphate Fixing in the Soil, by F. Scheffer. GERMAN, per, Zeitschrift fuer Pflanzenernaehrung, Duengung, Bodenkunde, Vol 70, No 2, 1955, pp 141-164.
SIA TT-66-10195

Sci-Agric
Jul 66

307,552

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Decomposition of Raw Phosphorus During Rotting of Stable Manure, by H. Doring, 9 pp.

GERMAN, per, Z fuer Pflanzenernahrung, Dungung, Bodenkunde, Vol LXXIII(118), No 2, 1954, pp 97-101.

CSIR 162

Sci - Chem
Sep 61

167,034

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Quantitative Determination of Very Small Quantities of Zinc in Soils, Vegetable and Animal Substances and Manures, by K. Scharrer, H. Munk.

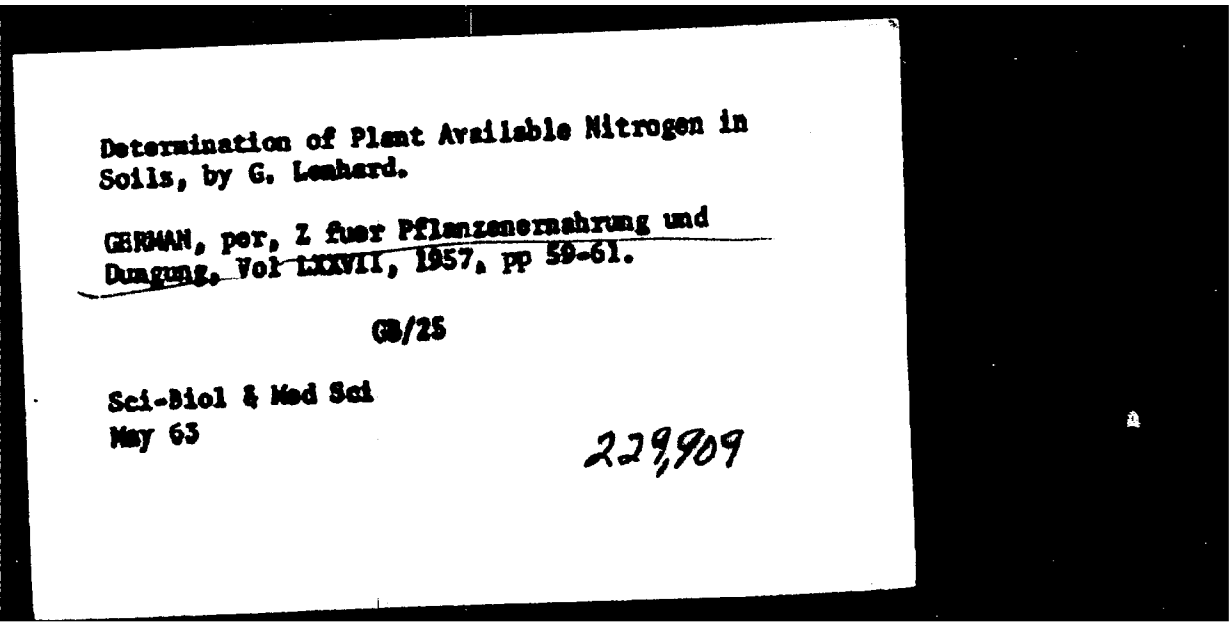
GERMAN, per, Z. fuer Pflanzenernahrugn, Dungung, Bodenkunde, Vol LXXIV, No 1, 1956, pp 24-242.

CSIRO 5598

Sci
Dec 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Determination of Plant Available Nitrogen in Soils, by G. Lembard.

GERMAN, per, Z fuer Pflanzenernahrung und Duengung, Vol LXXVII, 1957, pp 59-61.

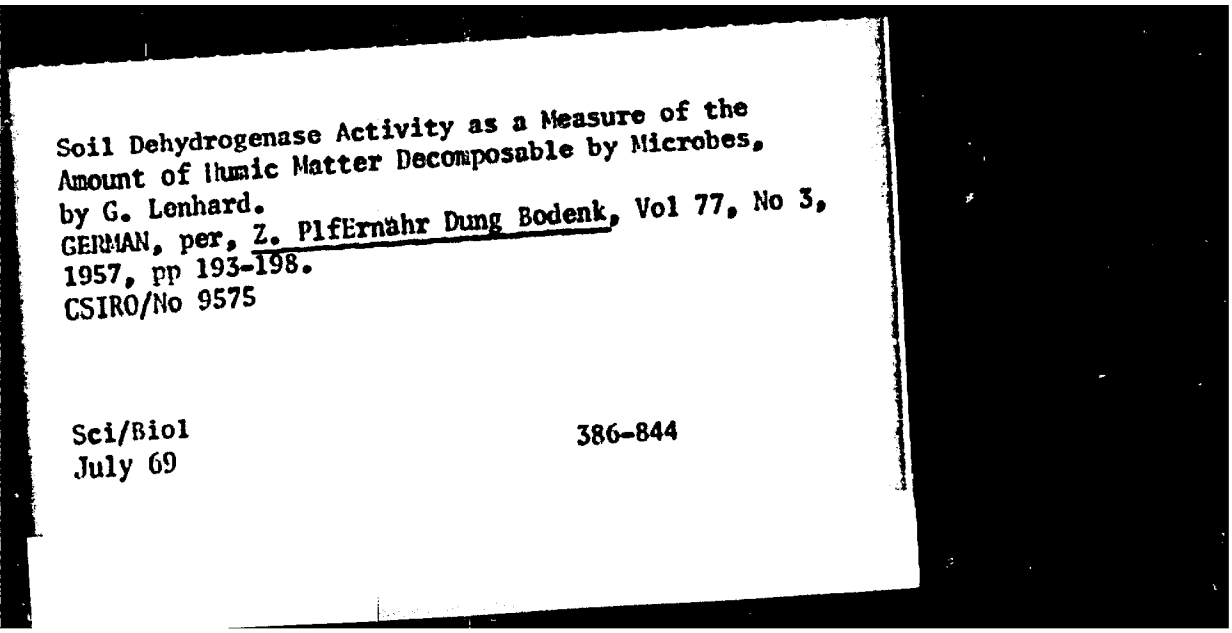
GS/25

Sci-Biol & Med Sci
May 63

229,909

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



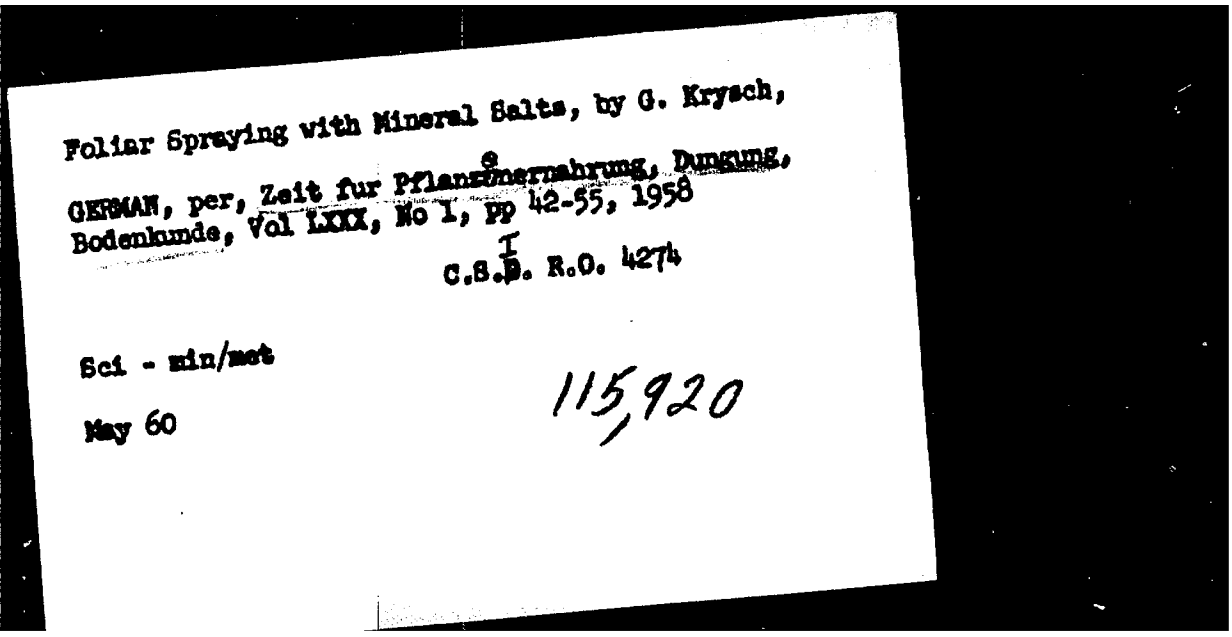
Soil Dehydrogenase Activity as a Measure of the Amount of Humic Matter Decomposable by Microbes, by G. Lenhard.
GERMAN, per, Z. PlfErnähr Dung Bodenk, Vol 77, No 3, 1957, pp 193-198.
CSIRO/No 9575

Sci/Biol
July 69

386-844

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Foliar Spraying with Mineral Salts, by G. Krysch,

GERMAN, per, Zeit fur Pflanzenernahrung, Dungung, Bodenkunde, Vol LXXX, No 1, pp 42-55, 1958

C.S.I. R.O. 4274

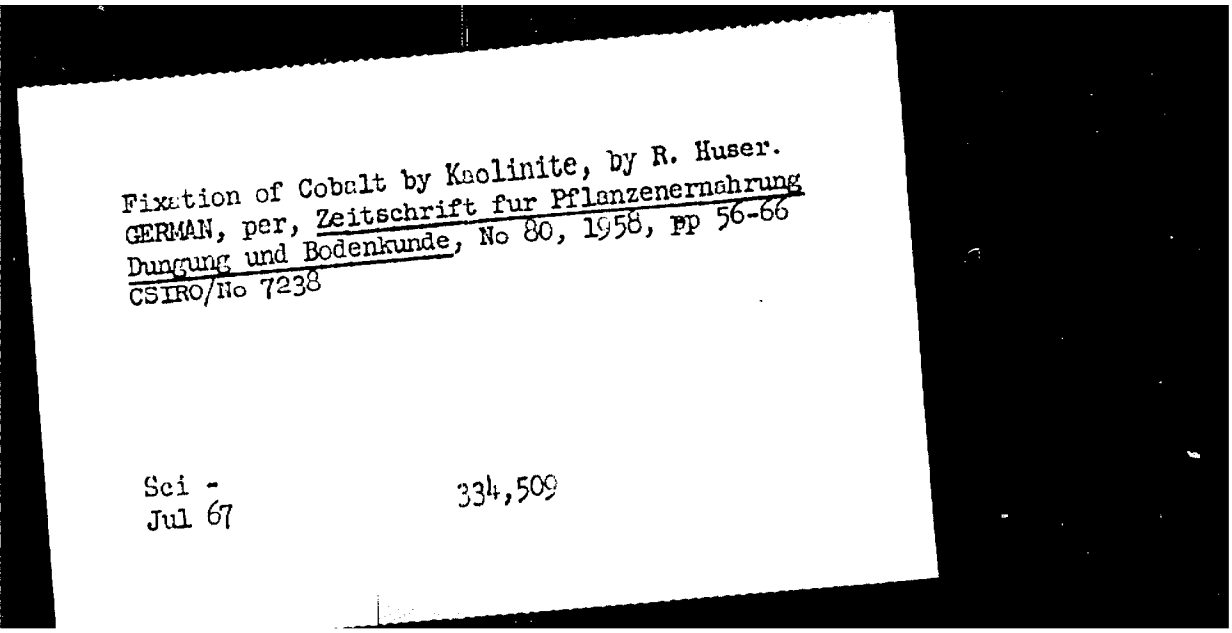
Sci - min/met

May 60

115,920

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



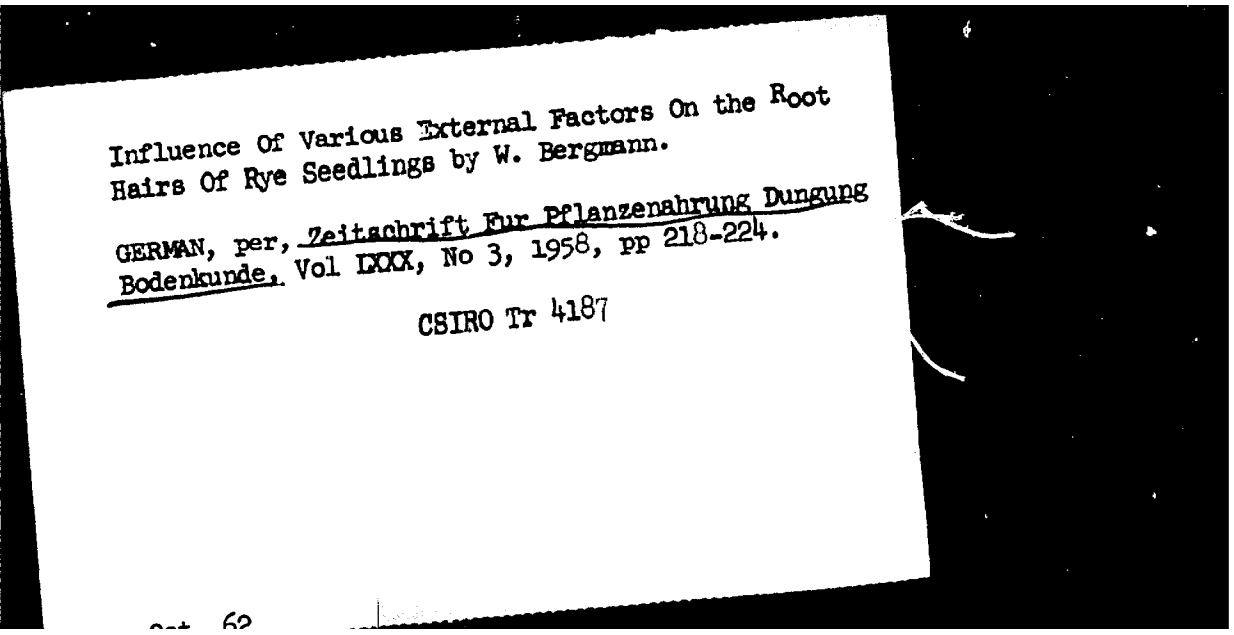
Fixation of Cobalt by Kaolinite, by R. Huser.
GERMAN, per, Zeitschrift fur Pflanzenernahrung
Dungung und Bodenkunde, No 80, 1958, PP 56-66
CSIRO/No 7238

Sci -
Jul 67

334,509

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Influence Of Various External Factors On the Root Hairs Of Rye Seedlings by W. Bergmann.

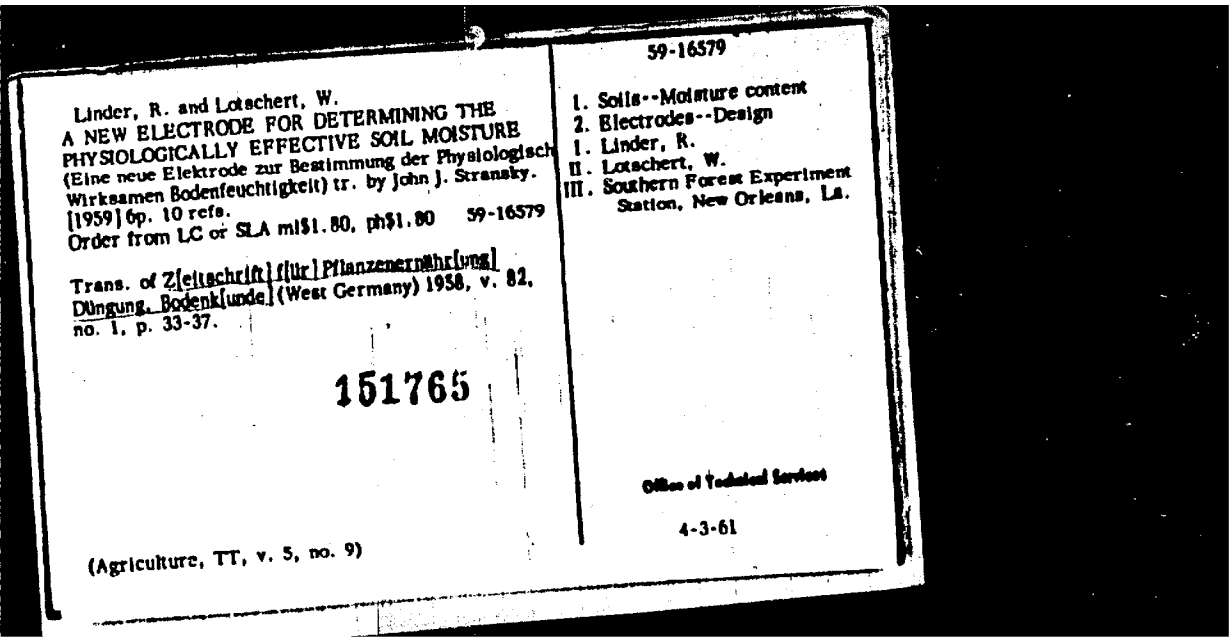
GERMAN, per, Zeitschrift Fur Pflanzenahrung Dungung Bodenkunde. Vol LXXX, No 3, 1958, pp 218-224.

CSIRO Tr 4187

Oct 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Linder, R. and Lotschert, W.
A NEW ELECTRODE FOR DETERMINING THE PHYSIOLOGICALLY EFFECTIVE SOIL MOISTURE (Eine neue Elektrode zur Bestimmung der Physiologisch Wirksamen Bodenfeuchtigkeit) tr. by John J. Stransky. [1959] 6p. 10 refs.
Order from LC or SLA ml$1.80, ph$1.80 59-16579

Trans. of Z[eitschrift] f[ur] Pflanzenernähr[ung] Düngung, Bodenk[unde] (West Germany) 1958, v. 82, no. 1, p. 33-37.

151765

(Agriculture, TT, v. 5, no. 9)

59-16579

1. Soils--Moisture content
2. Electrodes--Design
I. Linder, R.
II. Lotschert, W.
III. Southern Forest Experiment Station, New Orleans, La.

Office of Technical Services

4-3-61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Elimination of Phosphate Effect in the Determination of Calcium by Flame Photometry, by M. Filcek.

GERMAN, pov, Z fuer Pflanzenernaehrung, Duengung, Bodenkunde. Vol LXXXIV, 2001959, pp 112-114.

NZDIA

Sci-Chem
May 63

234,417

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Research Into the Synthetic Effects of Enzymes in the Soil, by G. Hoffmann,
GERMAN, per, Z fuer Pflanzenernahrung und Dungung, Und Bodenkunde, Vol LXXXV, 1959, pp 193-201.
NZDSIR/999

Sci - Biol/Med
Jun 64

258,388

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Vegatative Experiments With Helianthus Annus to Determine the Quantitative Uptake of N, P, and K Through the Leaves as Compared With the Uptake Through the Roots, by H. Kick, D. Hellwig.

GERMAN, per, Z. fur Pflanzenernahrung, Dungung, Bodenkunde, Vol LXXXIV, No 1-3, 1959, pp 265-271.

CSIRO 5139

Sci
Dec 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Principles and Methods for Growing the Garden Strawberry (Fragaria ananassa Duch), by R. Bauer.

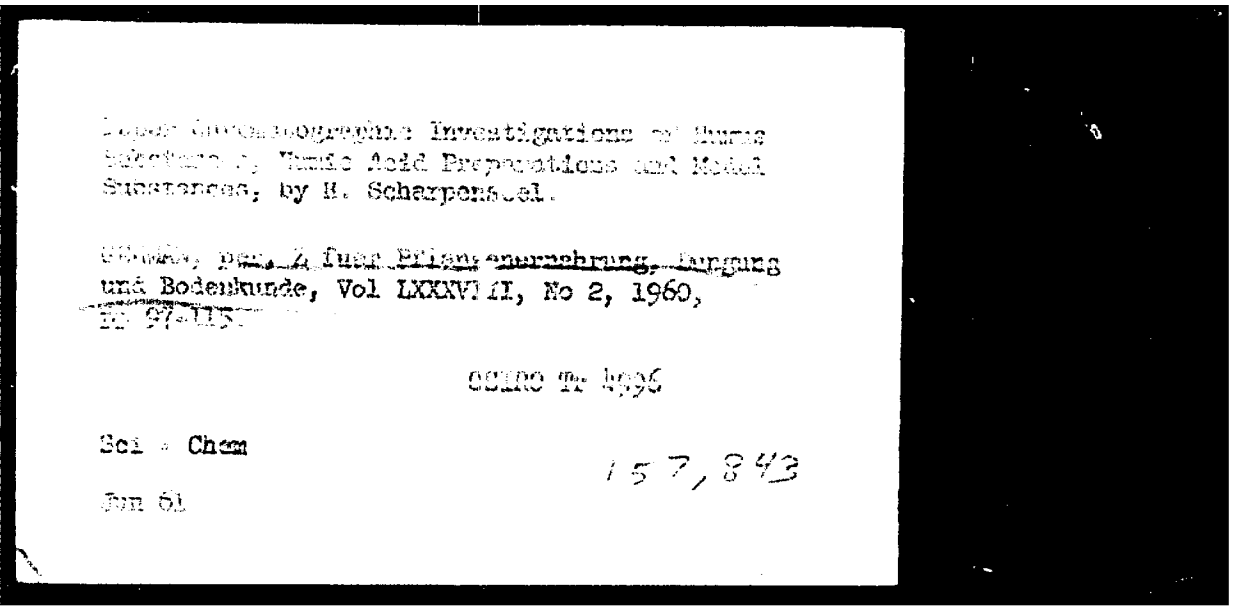
GERMAN, per, Z fuer Pflanzensuchtung, Vol XLIV, No 1, 1960, pp 73-100.

NRC/C-3923

Sci-Tc
Jun 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Paper Chromatographic Investigations of Humic Substances I, Humic Acid Preparations and Model Substances, by H. Scharpenseel.

Chemie, pflan, Z fuer Pflanzenernaehrung, Duengung und Bodenkunde, Vol LXXXVIII, No 2, 1960, pp 97-115.

CSIRO TR 4996

Sci - Chem

157,843

Jun 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Comparative Investigations of Koch's Plate Method and a Direct Method of Soil Examination Under the Fluorescence Microscope, by W. Nowak.
GERMAN, per, Zeitschrift fuer Pflanzenernaehrung, Duengung und Bodenkunde, Vol 89, 1960, pp 137-148.

NTC-71-11265-02A
CAIRO 5351

Nov 71

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Jung, J.
NUTRIENT SUPPLY FROM PLASTIC-COATED FERTILIZER GRANULES. [1962] [6]p.
Order from SLA $1.10 63-10295

Trans. of Zeit[schrift] f[ür] Pflanzenernährung, Düngung, Bodenkunde (West Germany) 1960, v. 91, no. 2, p. 122-130.

DESCRIPTORS: *Fertilizers, Nutrition, Particles, *Plastic coatings, *Nitrogen, Potassium, Polymers, Vinyl radicals, Chlorides, Absorption, Esters, Urea formaldehyde resins, Calcium compounds, Ammonium radicals, Nitrates.

The nutrient supply of fertilizer granules, coated with plastic, was tested in a pot experiment. With large nitrophoska granules (10 to 15 mm), the multiple treatment with a diofan solution (mixed polymer of (Agriculture--Plant Cultivation, TT, v. 10, no. 2)
(over)

63-10295

1. Jung, J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Effects of Magnesium in Dolomite and Sulphate, by H. Munk. 12 p.
GERMAN, per, Zeitschrift fuer Pflanzenernaehrung, Duengung, Bodenkunde, Vol 92, No 1, 1961, pp 36-46.
SLA TT-66-10522

Sci-Chem
Jul 66

307,556

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Jung, J.
SLOW ACTING NITROGEN COMPOUNDS, ESPECIALLY CROTONYLIDENE UREA. [1962] [8]p. 10 refs.
Order from SLA $1.10 63-10519

Trans. of Z[eitschrift] für Pflanzenernähr[ung] Düngung, Bodenkunde (West Germany) 1961, v. 94, no. 1, p. 39-47.

DESCRIPTORS: *Nitrogen compounds, *Urea, Formaldehyde, *Fertilizers, Plants (Botany), Absorption (Biological).

Besides the usual mineral nitrogen fertilizers which are available to the plants immediately or shortly after introduction into the soil, it has been attempted for a long time to find synthetic substances which release nitrogen slowly, that is in sliding rates that
(Agriculture--Plant Cultivation, TT, v. 10, no. 3)
(over)

63-10519

1. Title: Crotonylidene urea
I. Jung, J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Assimilation of Phosphate Forms From
the Soil and From Particle-Size Fractions
by Well-Rooted Plants, by F. Scheffer, et al.

GERMAN, per, Z. fuer Pflanzenernahrung und Dungung,
Bodenkunde, Vol XCII, No 3, 1961, pp 193-201.

CSIRO 5654

Sci
Dec 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Experiments on the Chemical Decomposition of a Natural Humic Acid, by F. Scheffer, R. Kickuth.

GERAN, per, Z. fuer Pflanzenernahrung und Dungung, Bodenkunde, Vol CXIV, No 2/3, 1961, pp 180-198.

CSIRO 5718

Sci
Dec 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

1961

Mahadevan, P., S.C. Mehta, and [illegible] Deuel
Extraction of humic substances from the B-horizon of a podsol with ethylenediaminetetra-acetic acid (Extraktion von Huminstoffen aus dem B-Horizont eines Podsols mit Äthylendiamintetra-essigsäure)
Zeitschrift für Pflanzenernährung, Düngung und Bodenkunde, 95(2): 119-123. In German.

Transl. by Bur., Sup. Lang. Div., Dept. of Sec. of State of Canada for USDA, Harlington, Ont., Jan 1970, 9p., typescript.

Avail. on Loan - BCF, Wash., D.C.

Original Article Checked

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Properties of Soils, by U. Schwertmann.

GERMAN, per, Z fuer Pflanzenahrung, Dungung, Bodenkunde, Vol XCV, No 3, 1961, pp 209-227.

GB/10/2796

Sci-Earth Sci
Jun 63

234,622

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Root Secretions of Higher Plants, by F. Scheffer.
GERMAN, per, Zeitschrift fur Pflanzenernahrung Dungung und Bodenkunde, Vol 97, No 1, 1962, pp 26, 40
CSIRO/ No 6582

Sci -
Jul 67 334,491

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Model Experiments on Undistrubed Soil Columns Dealing With Soil Genetic Mechanisms Using Radioactive Soil Constituents. 1. Assay Technique and Experimental Setup, by h. Scharpenseel, W. Kerpen.
GERMAN, per, Z fuer Pflanzenernahrung, Dungong, Bodenkunde, Vol CI, No 1, 1963, pp 1-10.
CSIRO No 6709

Sci - Earth Sci/Astron
Apr 64

257,284

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Distribution of Organic Matter and Carbohydrates in 'Root-Free' Soil Material Sifted by Flotation., by H. Roulet.

GERMAN, per, Zeitschrift fur Pflnzenernagrund Dungun; Bodenkunde, Vol. 101, No. 3, 1963.

CSIRO/No. 6778

Sci -

July 1967 334-666

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Investigations of the Distribution of Molecular Weight of Human Substances by Gel Filtration on Sephadex, by N. C. Mehta.
GERMAN, per, Zeitschrift fuer Pflanzenernaehrung, Duengung und Bodenkunde, Vol 102, 1963, pp 128-137.
NTC-71-12507-07C
NASA TT F 10, 857

Nov 71

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Formation and Binding of Microaggregates in Soils, by ~~F. Koma~~. Kubiena, H.
GERMAN, per, Zeitschrift fuer Pflanzenernaehrung, Duengung, Bodenkunde, vol. 104, 1964, pp. 12-24.
NTC 70-17065-02C

CSIRO/WO 7073

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Distribution of Organic Matter and Carbohydrates in Root-Free Soil Material Sifted by Flotation, by N.C. Mehta.
GERMAN, per, Zeit fuer Pflanzenernaehrung, Duengung und Bodekunde, vol. 101, no.3, 1963, pp. 210-214.
NTC 71-11097-02a

JULY 71

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Information on the Spruce Saw-flies. IV. The Dispersion by B. Chnesorge and W. Thalenhorst.

GERMAN, per, Zeitschrift Fur Pflanzenkrankheiten, Pflanzenpathologie Und Pflanzenschutz, Vol LXIII, No 4, 1956

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Kanngiesser, W.
PAPER-ELECTROPHORETIC INVESTIGATION OF PRESSURE-DIALYTIC CONCENTRATED LEAF EXTRACTS OF HEALTHY AND VIRUS-DISEASED TOBACCO PLANTS. [1962] 21p.
Order from K-H $26.25 K-H 8214

Trans. of Zeitschrift für Pflanzenkrankheiten [Pflanzenpathologie] und Pflanzenschutz (West Germany) 1957, v. 64, no. 5, p. 257-271.

DESCRIPTORS: *Electrophoresis, *Tobacco, Plants, *Virus diseases.

(Biological Sciences--Botany, TT, v. 9, no. 1)

62-22476

I. Kanngiesser, W.
II. K-H-8214
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Symptoms of Molybdenum Deficiency in Various Cultivated Plants, by E. Brandenburg.
GERMAN, per, Z. PflKrankh. PflPath. PflSchutz, Vol 68, 1961, pp 532-541.
NAD

sci/agric
aug 69

388,725

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

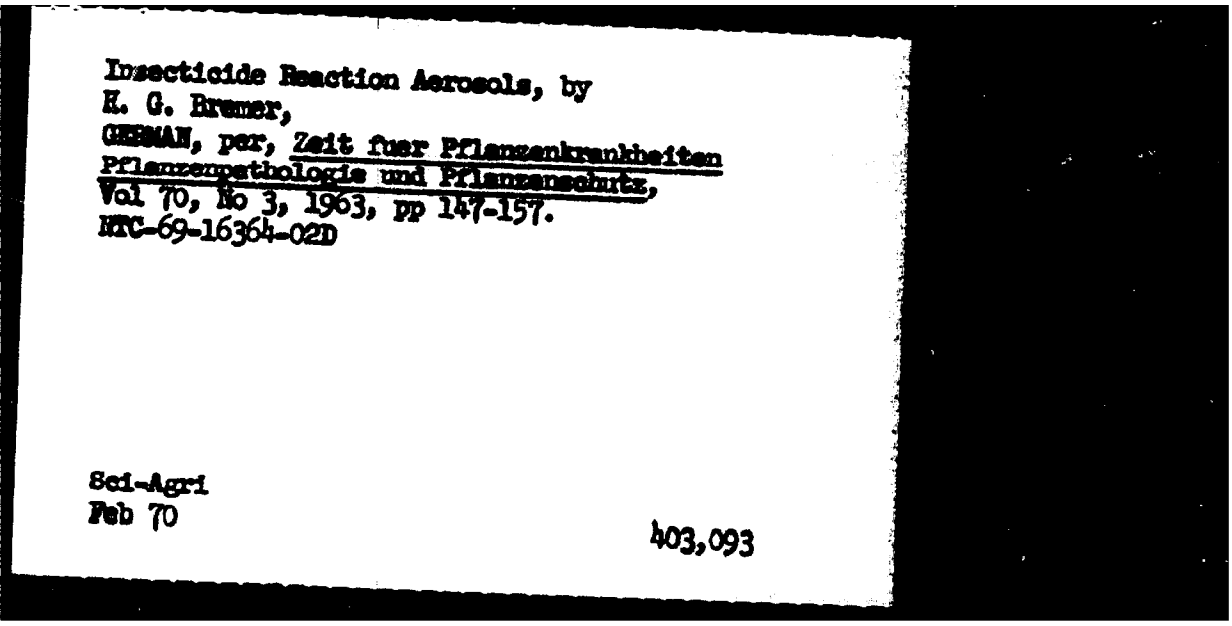
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

About the Influence of Various Environmental Factors on Plant Sensitivity With Respect to Sulfur Dioxide, by R. Zahn.
GERMAN, per, Zeitschrift fuer Pflanzenkrankheiten, Pflanzenpathologie und Pflanzenschutz, Vol 70, 1963, pp 81-95.
NTC-71-12674-02D

Nov 71

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Insecticide Reaction Aerosols, by
H. G. Bramer,
GERMAN, per, Zeit fuer Pflanzenkrankheiten
Pflanzenpathologie und Pflanzenschutz,
Vol 70, No 3, 1963, pp 147-157.
MIC-69-16364-02D

Sci-Agri
Feb 70

403,093

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

English Title Unknown, by E. R. Jaensch.
GERMAN, per, Zeit fur Phychologie. 1. Abteilung. Zur Analyse der Gesichtswahrnehmungen, von E.R. Jaensch,1909, pp 321-352.
*NASA TT F-12,101

Jan 69

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Focussing Sequences of 110-Collisions in Face-Centered Cubic Crystals at Small Angular Deviations, by Chr. Lehmann, G. Leibfried,

GERMAN, per, Z fuer Physik.

*AERE, Harwell

Sci —
24 Apr 61
List 52

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Crystal Hyper Fine Structure in the Spectrum of Praseodymium Salts, by A. M. Hellwege, K. H. Hellwege, 5 pp.

GERMAN, per, Zeit fuer Physik,

A.E.R.E. Harwell
Tr 492

Sci - Physics, Chemistry, rare-earths

32,926

April 1956

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

R-1197-N

Uber die Nullpunktsentropie Kondensierter Gase, by Von A. Eucken, F. Fried.

GERMAN, per, Z. Physik, Vol XXIX, 1924, pp 36-70.

*JPRS for US Army Missile Command Redstone Arsenal, Alabama

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Control of Electronic Currents With a Three-Electrode Crystal and a Model of a Depletion Layer, by R. Hilech, R. W. Pohl,

GERMAN, per, Z. fuer Physik, Vol III, 1938-1939, pp 399-408.

*ACSI H-9901
ID 2174776

Sci - Electron

26 Sep 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On a Special Type of Discontinuous Spectra of Solid Bodies, by E. Goldstein, 9 pp.

GERMAN, per, Z. Physik, Vol XI, 1910, pp 430-433.

SLA 58-83

Sci

Aug 59

93,588

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Study of Emission Spectra of Solid Aromatic Substances by Means of the Ultraviolet Filter, by E. Goldstein, 12 pp.

GERMAN, per, Z. Physik, Vol XII, 1911, pp 614-620.

SLA 58-84

Sci

Aug 59

93,589

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Thermoelectric Refrigeration and Reversible Electric Heating, by Edmund Altenkirch, 13 pp.

GERMAN, Per, Z Physikalische, 1911, Vol XII, No 21, pp 920-924.

SLA 59-15221

Sci
Nov 59
Vol 2, No 3

109,948

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

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Two Objections to the Theory of Relativity and Their Refutation, by M. Laue, 4 pp.

GERMAN, per, Zeit fuer Physik, Vol XIII, 1912, pp 118-120.

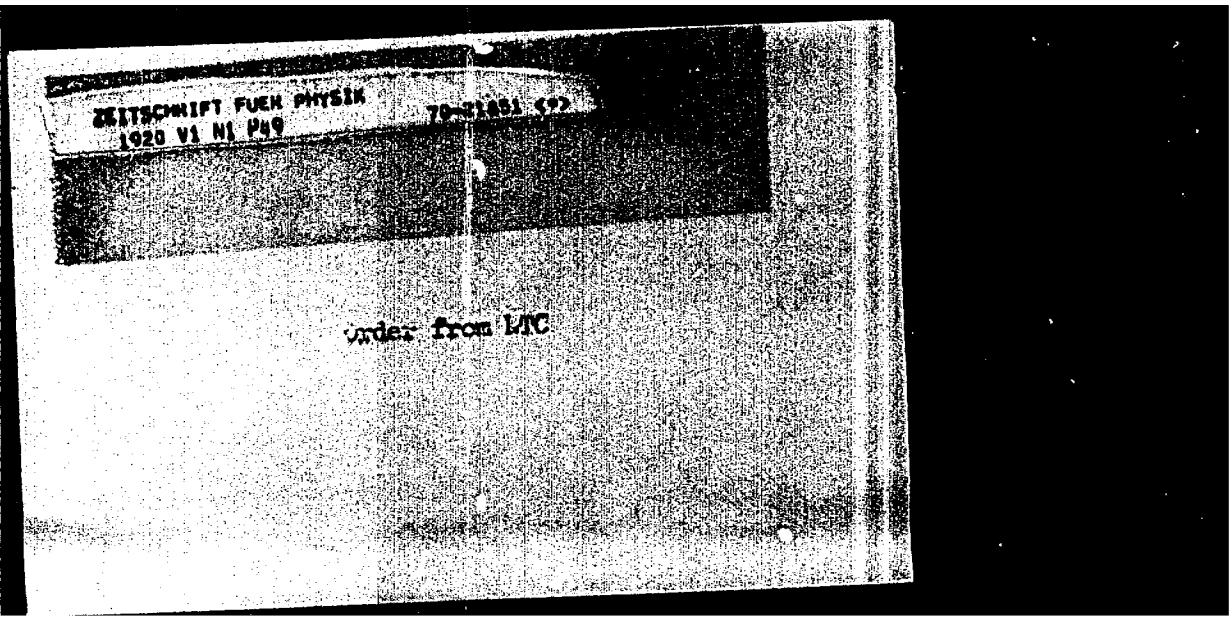
CIA FDD/X 4390
AIPF L-127

Sci-Phys

9 Aug 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

An Addendum to My Paper: "A Direct Measurement of the Thermal Velocity of Molecules", by O. Stern, 6 pp.

GERMAN, per, Zeitschrift fuer Physik, Vol III, No 5, 1920, pp 417-421. 9209164

AEC-NP-Tr-998

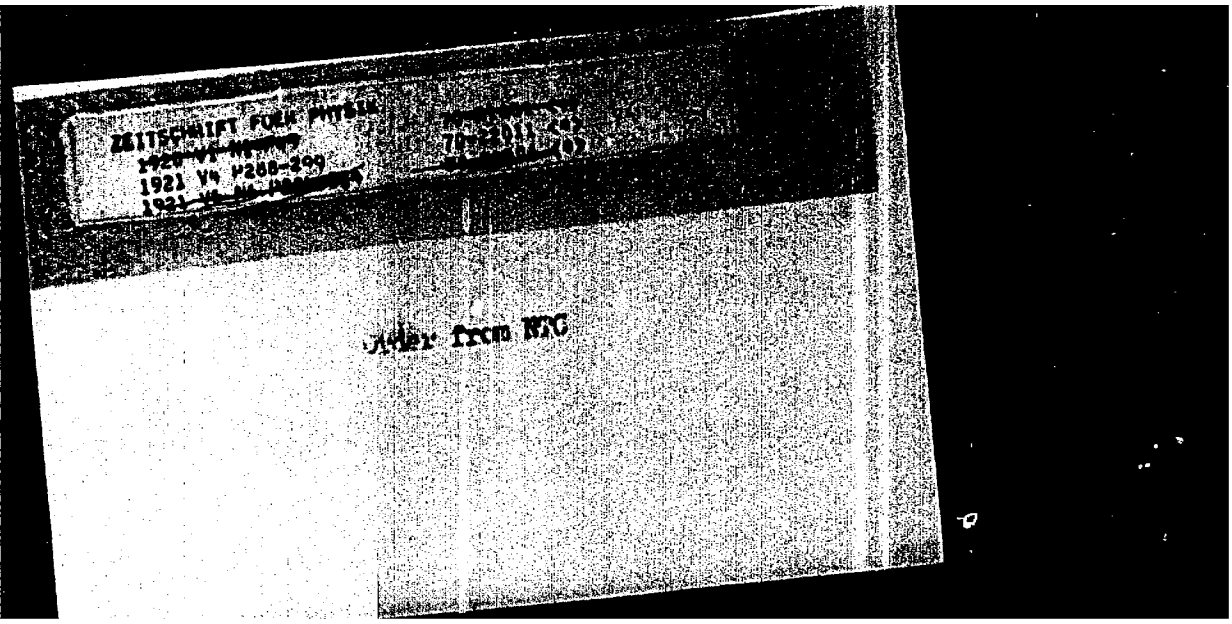
Sci - Phys

Jul 63

235,704

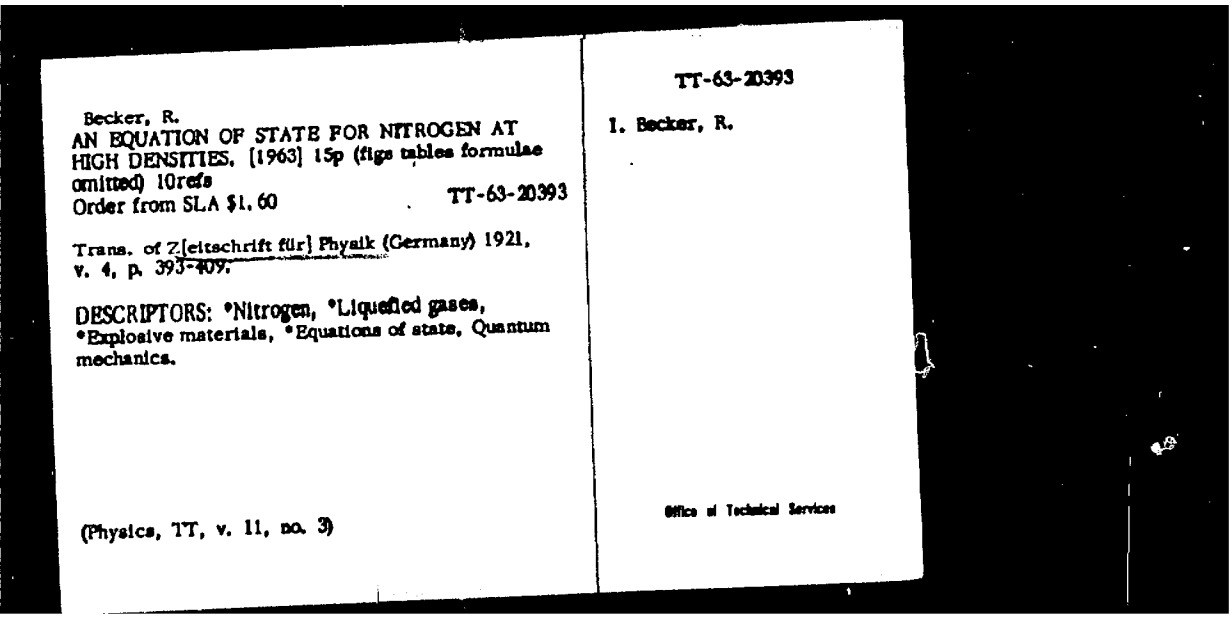
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Becker, R.
AN EQUATION OF STATE FOR NITROGEN AT HIGH DENSITIES. [1963] 15p (figs tables formulae omitted) 10refs
Order from SLA $1.60 TT-63-20393

Trans. of Z[eitschrift für] Physik (Germany) 1921, v. 4, p. 393-409.

DESCRIPTORS: *Nitrogen, *Liquefied gases, *Explosive materials, *Equations of state, Quantum mechanics.

(Physics, TT, v. 11, no. 3)

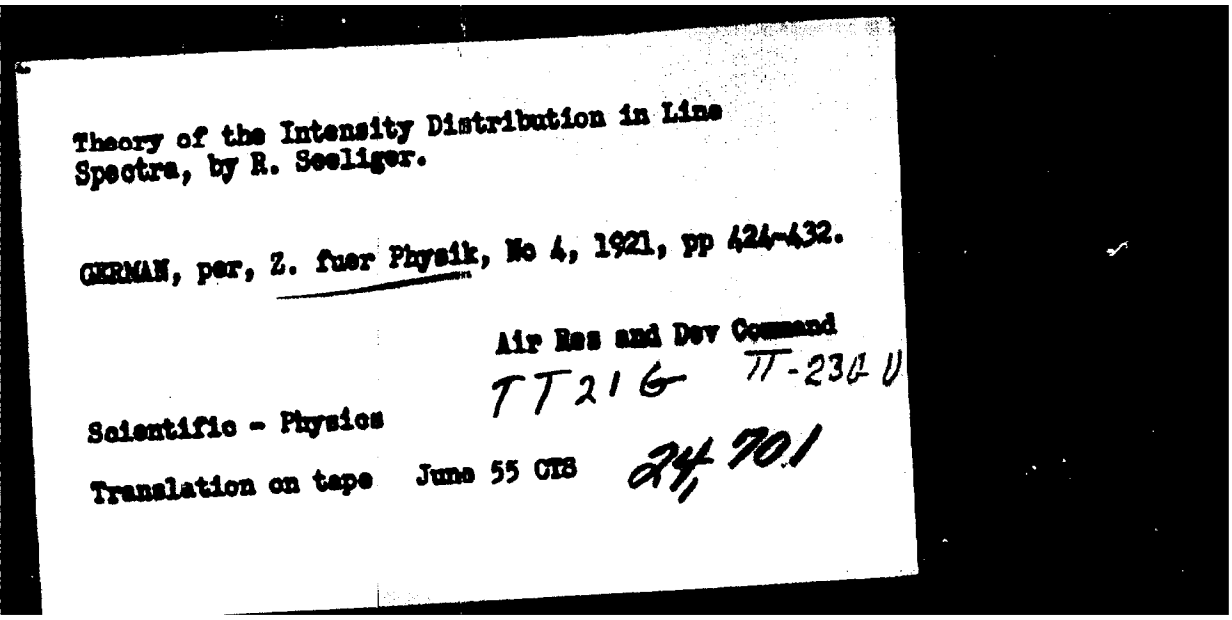
TT-63-20393

1. Becker, R.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Theory of the Intensity Distribution in Line Spectra, by R. Seeliger.

GERMAN, per, Z. fuer Physik, No 4, 1921, pp 424-432.

Air Res and Dev Command

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Scientific - Physics

Translation on tape June 55 CTS 24,701

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Voltage- and Expansion-Coefficient of Helium, Hydrogen and Nitrogen, by F. Henning, W. Heuse.

GERMAN, .er, ~~XXXXXXX~~ Z fuer Physik, Vol V, 1921, pp 285-314.

~~Redstone Arsenal, Alabama~~

Sci - Phys

17 May 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

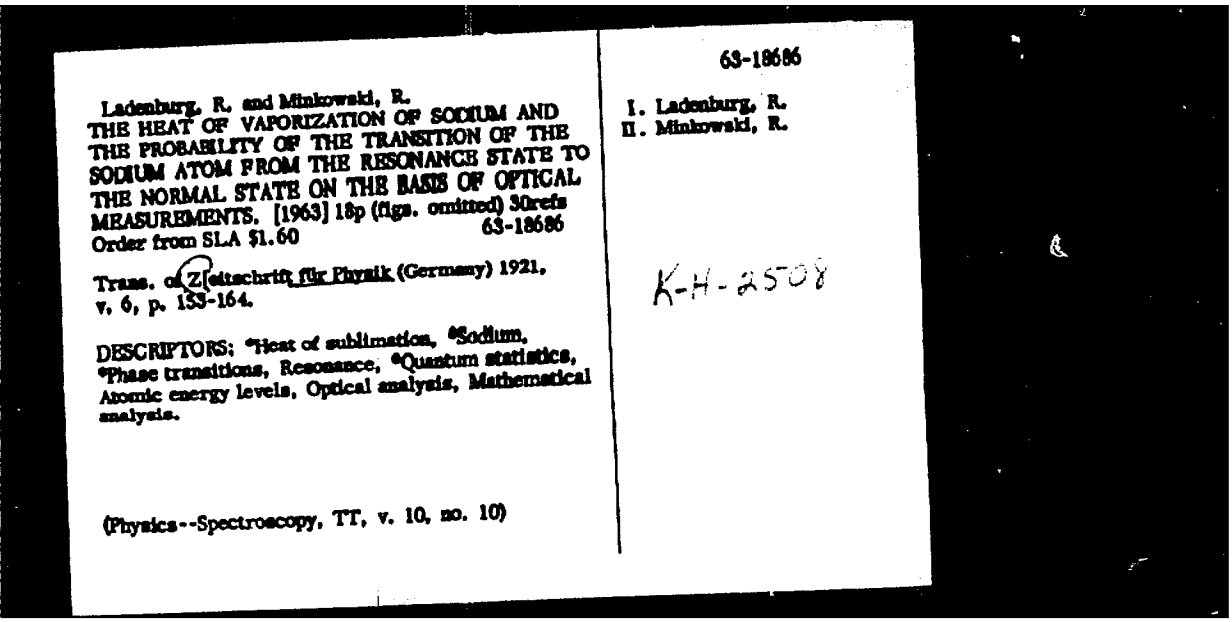
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Study of Mixed Crystals and Solid Phases, by L. Vegard, 3 pp. GERMAN, per, Z. Physik, 5, 1921, pp. 393-395.
*NBS TT 70-57849

Sci/phys
Jun 70

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Ladenburg, R. and Minkowski, R.
THE HEAT OF VAPORIZATION OF SODIUM AND THE PROBABILITY OF THE TRANSITION OF THE SODIUM ATOM FROM THE RESONANCE STATE TO THE NORMAL STATE ON THE BASIS OF OPTICAL MEASUREMENTS. [1963] 18p (figs. omitted) 30refs
Order from SLA $1.60 63-18686

Trans. of Zeitschrift für Physik (Germany) 1921, v. 6, p. 153-164.

DESCRIPTORS: *Heat of sublimation, *Sodium, *Phase transitions, Resonance, *Quantum statistics, Atomic energy levels, Optical analysis, Mathematical analysis.

(Physics--Spectroscopy, TT, v. 10, no. 10)

63-18686

I. Ladenburg, R.
II. Minkowski, R.

K-H-2508

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Diffusion on Top of and in Hg,
by M. Volmer, 12 pp.
GERMAN, per, Z. Physik, 7, 1921, pp. 1-12
*NBS TT 70-57850

Sci/chem
Jun 70

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Mechanisms of Molecular Motion in Crystals, by M. Volmer, 4 pp.
GERMAN, per, Z. Physik, 7, 1921, pp. 13-17.
*NBS TT 70-57851

Sci/phys
June 70

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Nature of the Rupture Process,
by M. Polanyi,
GERMAN, per, Zeitschrift fur Physik,
Vol VII, 1921, pp 323-327.
ACSI I-9310
ID 2204012566

Sci-Phys
Apr 66

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Becker, R.
SHOCK WAVES AND DETONATIONS: INTRODUCTION; THE GENERATION OF THE COMPRESSION WAVE; THE STATIONARY CONDENSATION IMPULSE. [1963] 41p. 36 refs.
Order from SLA $4.60 63-14901

Partial trans. (p. 321-347) of Zeitschrift für Physik (Germany) 1921, v. 8 [p. 321-362].
A complete trans. of article is available from SLA as AL-43.

DESCRIPTORS: *Shock waves, *Detonations, Compressible flow, Differential equations, Thermal conductivity, Structures, Numerical analysis, Detonation waves.

(Mechanics, TT, v. 10, no. 3)

63-14901

I. Becker, R.
II. Title: Generation ...
III. Title: Stationary ...
IV. SLA AL-43

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

A General Improvement of the Equations of Condition; a Special Equation of Condition for Hydrogen, by Leon Schames.

GERMAN, per, Z. fuer Physik, Vol XXII, 1921, pp 630-634.

*~~Redstone Arsenal, Alabama~~

Sci - Phys
17 May 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Shock Wave and Detonation, by R. Becker

GERMAN, per, Z Physik, Vol VIII, 1922, pp 321-362.

S.L.A. Tr Pool

Scientific - Physics
CTS/DSX

14,206

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Isotherms of Nitrogen, Oxygen and Helium, by
L. Holborn.
GERMAN, per, Z fuer Physik, Vol X, 1922, pp 367-376.

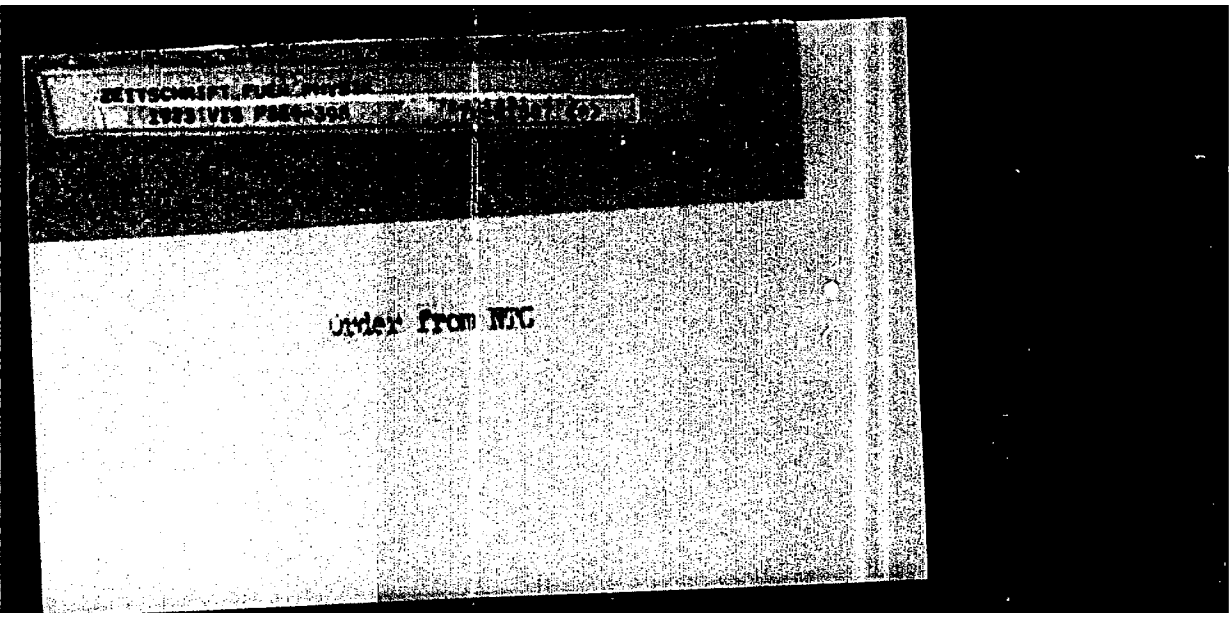
Dept of Interior
TN7 E57 No 707

Sci - Phys

Mar 64 251,202

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

A Differential Method for Measuring Dissipation Less Capacities, by S. Benner, 4 pp.

GERMAN, per, Z Physik, Vol XVI, 20 Jun 1923, pp 100-102.

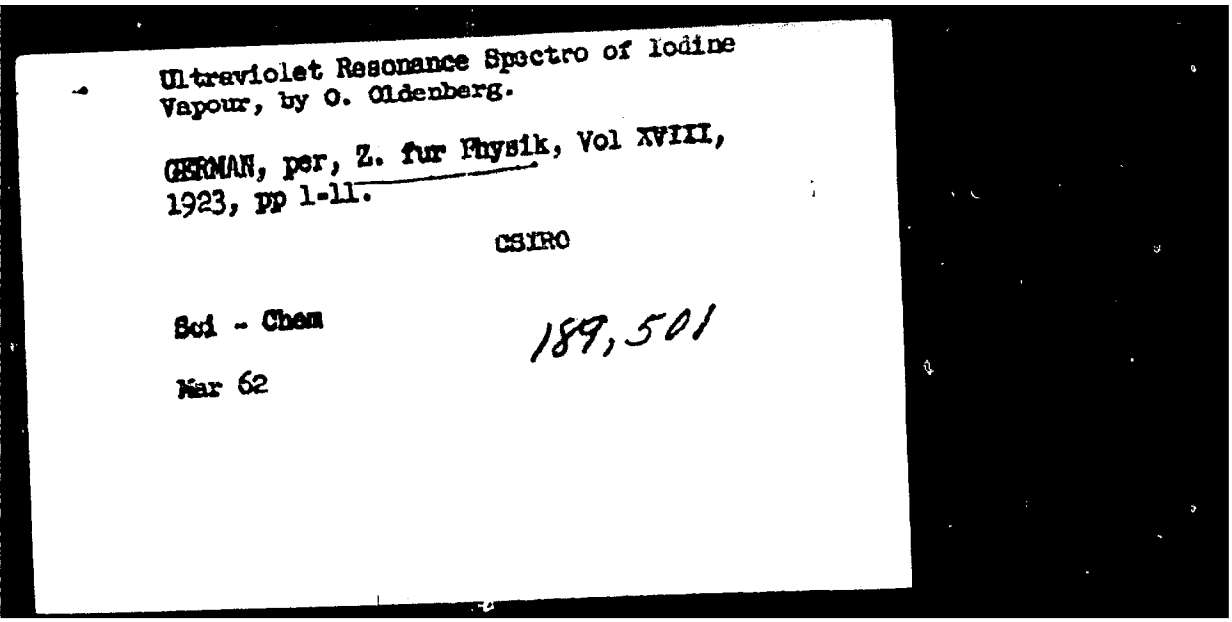
SLA 57-2216

Sci
May 58

63,281

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Ultraviolet Resonance Spectro of Iodine Vapour, by O. Oldenberg.

GERMAN, per, Z. fur Physik, Vol XVIII, 1923, pp 1-11.

CSIRO

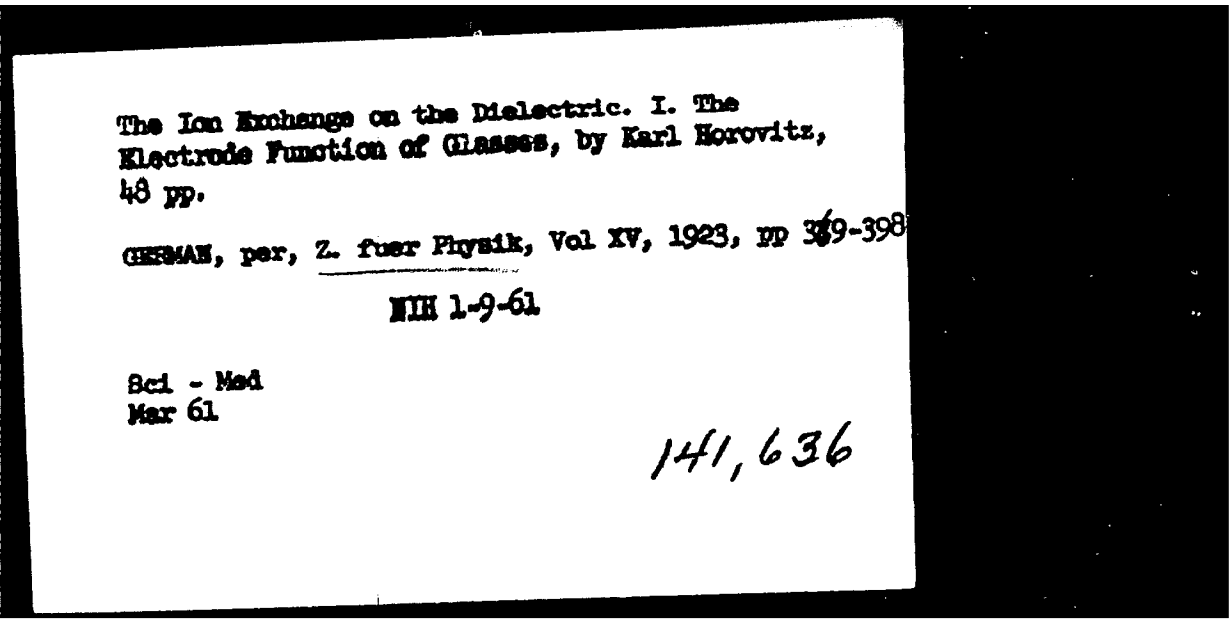
Sci - Chem

Mar 62

189,501

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



The Ion Exchange on the Dielectric. I. The Electrode Function of Glasses, by Karl Horovitz, 48 pp.

GERMAN, per, Z. fuer Physik, Vol XV, 1923, pp 369-398

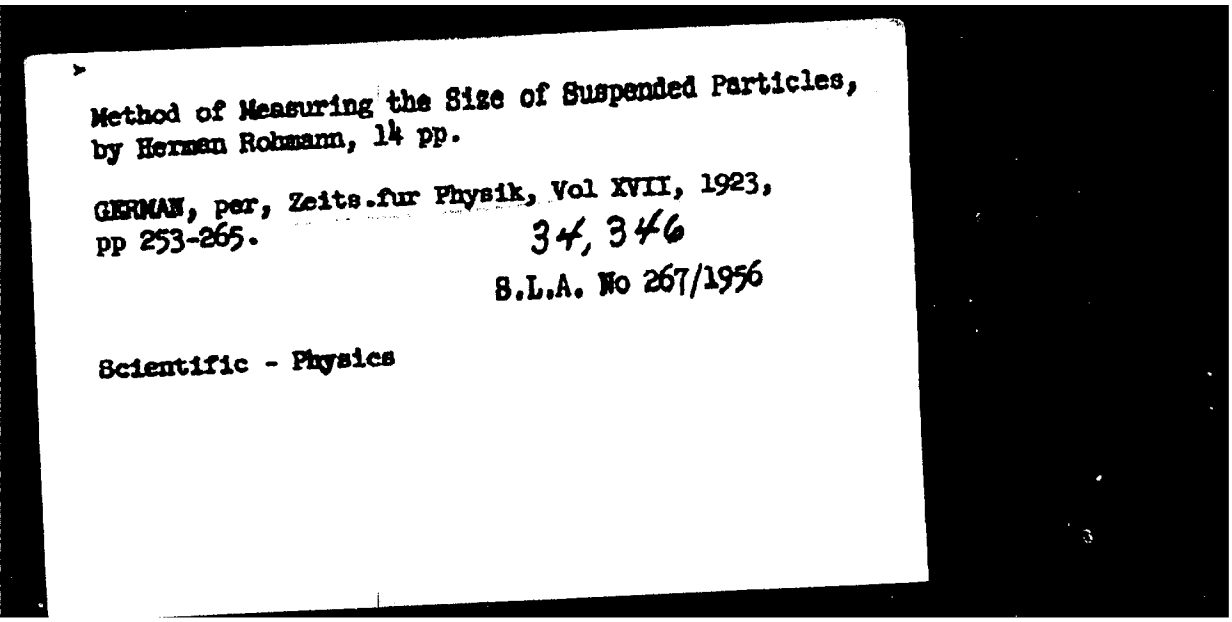
NIH 1-9-61

Sci - Med
Mar 61

141,636

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Method of Measuring the Size of Suspended Particles, by Herman Rohmann, 14 pp.

GERMAN, per, Zeits.fur Physik, Vol XVII, 1923, pp 253-265.

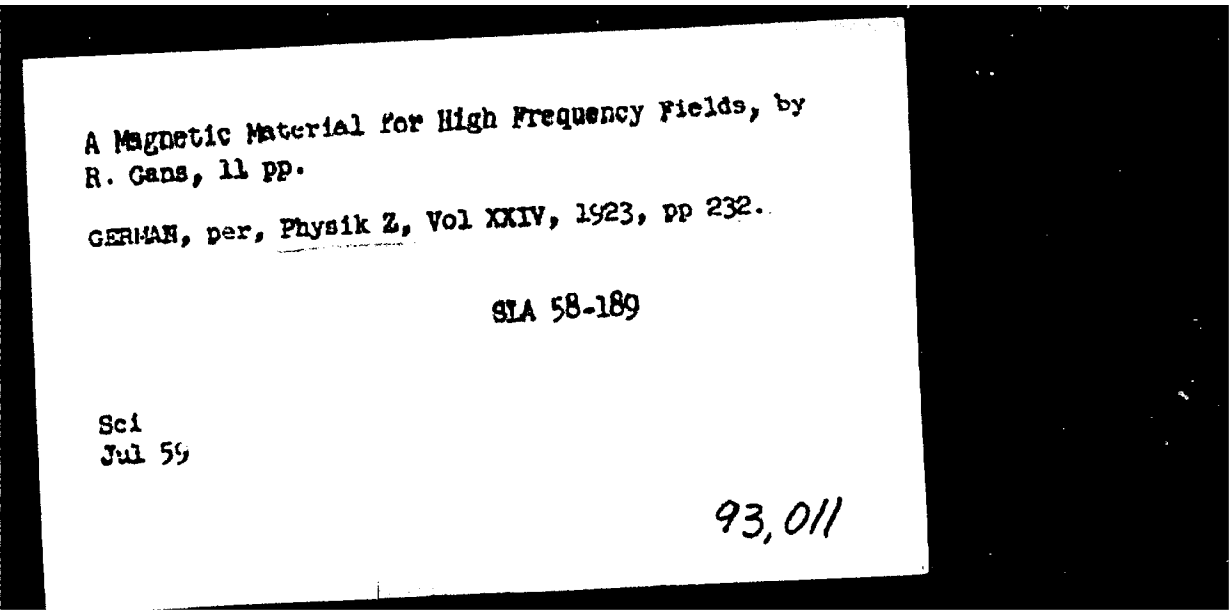
34, 346

S.L.A. No 267/1956

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



A Magnetic Material for High Frequency Fields, by R. Gans, 11 pp.

GERMAN, per, Physik Z, Vol XXIV, 1923, pp 232.

SIA 58-189

Sci
Jul 59

93,011

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Disturbances in Pendulum and Gyroscopic Instruments As a Result of Acceleration of Power Craft, by H. Schuler, 30 pp.

Ger, per Z Physikalische, 1933, Vol XXIV, No 15 pp 348-350.

SLA 59-15222

Sci
Oct 59
Vol 2, No 3

99, 93.2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Dependency of the Intensity of the Spectral Lines on the Gas Pressure, by L. Strum.

GERMAN, per, Z. fuer Physik, No 18, 1923, pp 372-378.

Air Res and Dev Command
TT-22G TT-24GU
24,706

Scientific - Physics

Translation on tape Jun 55 078

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

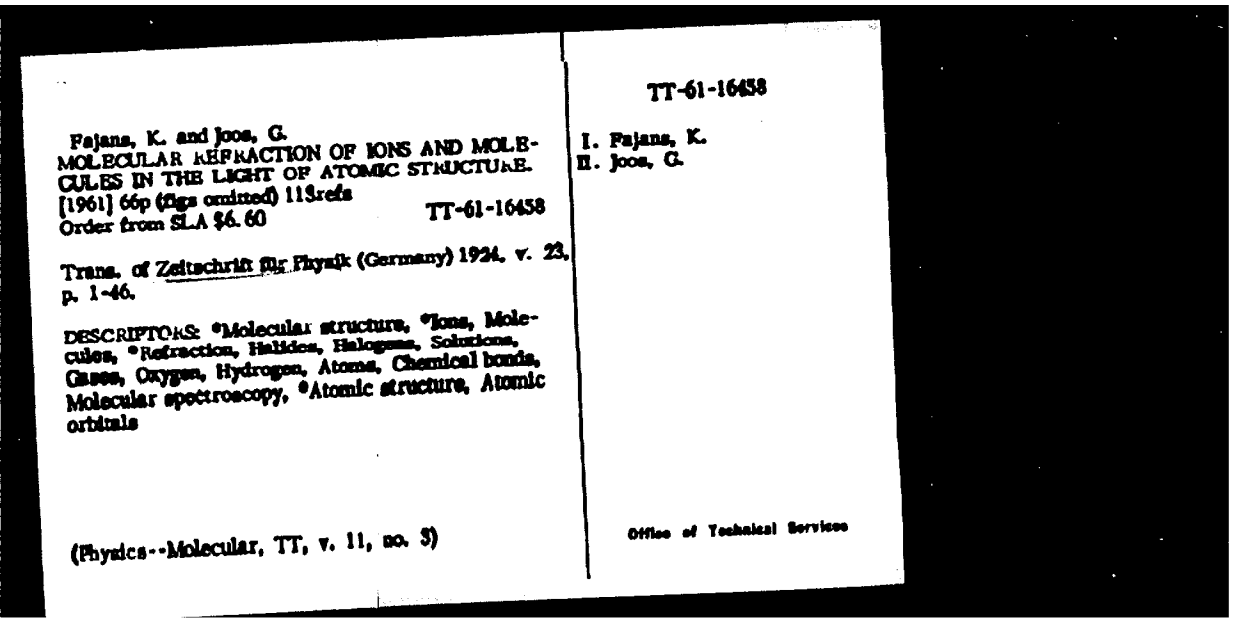
Calculation of Aberrations of the Third Order Based on the Interference Figures Observed in the Twyman Interferometer, by K. Butkov, 16 pp. GERMAN, per, Zeitschrift fur Physik, Vol 22, 1924, pp 384-396.
RSIC-737

GOVT. USE ONLY
NE/SCI/Phy
Feb 68

342,477

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Fajans, K. and Joos, G.
MOLECULAR REFRACTION OF IONS AND MOLECULES IN THE LIGHT OF ATOMIC STRUCTURE.
[1961] 66p (figs omitted) 118refs
Order from SLA $6.60 TT-61-16458

Trans. of Zeitschrift für Physik (Germany) 1924. v. 23, p. 1-46.

DESCRIPTORS: *Molecular structure, *Ions, Molecules, *Refraction, Halides, Halogens, Solutions, Gases, Oxygen, Hydrogen, Atoms, Chemical bonds, Molecular spectroscopy, *Atomic structure, Atomic orbitals

(Physics--Molecular, TT, v. 11, no. 3)

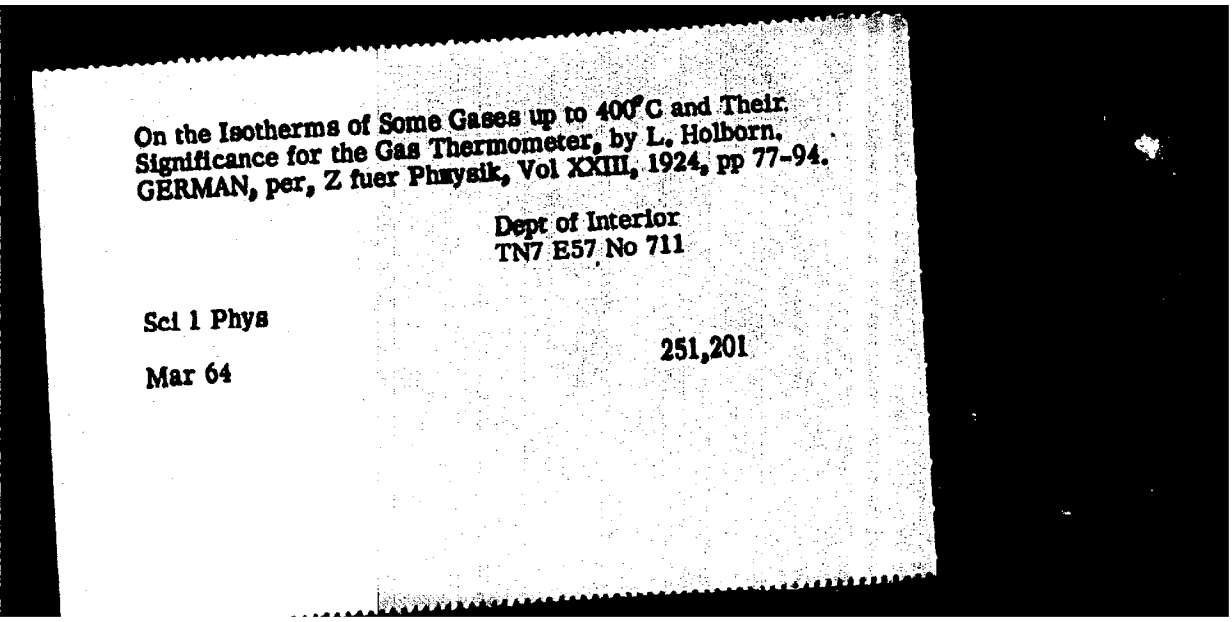
TT-61-16458

I. Fajans, K.
II. Joos, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



On the Isotherms of Some Gases up to 400° C and Their Significance for the Gas Thermometer, by L. Holborn, GERMAN, per, Z fuer Physik, Vol XXIII, 1924, pp 77-94.

Dept of Interior
TN7 E57 No 711

Sci 1 Phys

Mar 64

251,201

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

H. F. Weber's Method of Determining the Diffusion Coefficients of Salt Solutions, by Friedrich Hoeltzenbein, 13 pp.
GERMAN, per, Zeitschrift fur Physik, Vol 24, 1924, pp 1-9.
P911049968
AEC UCRL-Trans-10153

Sci-Physics
Mar 68

350,701

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Theory of Absorption and Related Phenomena, by J. Frenkel. UNCLASSIFIED

GERMAN, per, Z fuer Physik, Vol XXVI, 1924, pp 117-138.

*AEC UCRL Tr 372

Sci - Physics
Feb 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Frenkel, J.
THEORY OF ADSORPTION AND RELATED PHENOMENA. [1961] 19p. (1 ref. omitted) 5 refs.
Order from SLA $1.60 61-20724

Trans. of Z[eitschrift für] Physik (Germany) 1924, v. 26, p. 117-138.
Another trans. is available from SLA mi$3.00, ph$6.30 as UCRL Trans-372 [1958] 33p.

DESCRIPTORS: Adsorption, Molecular beams, Atoms, Particles, Theory.

(Unannounced)

61-20724

I. Frenkel, J.

Office of Technical Services

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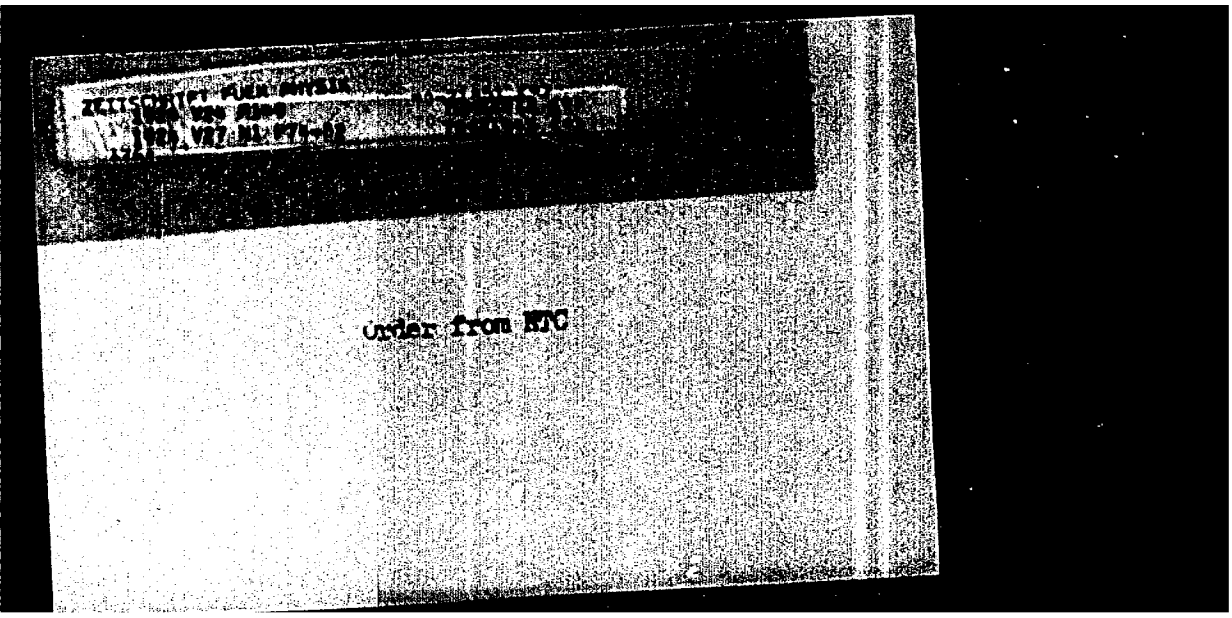

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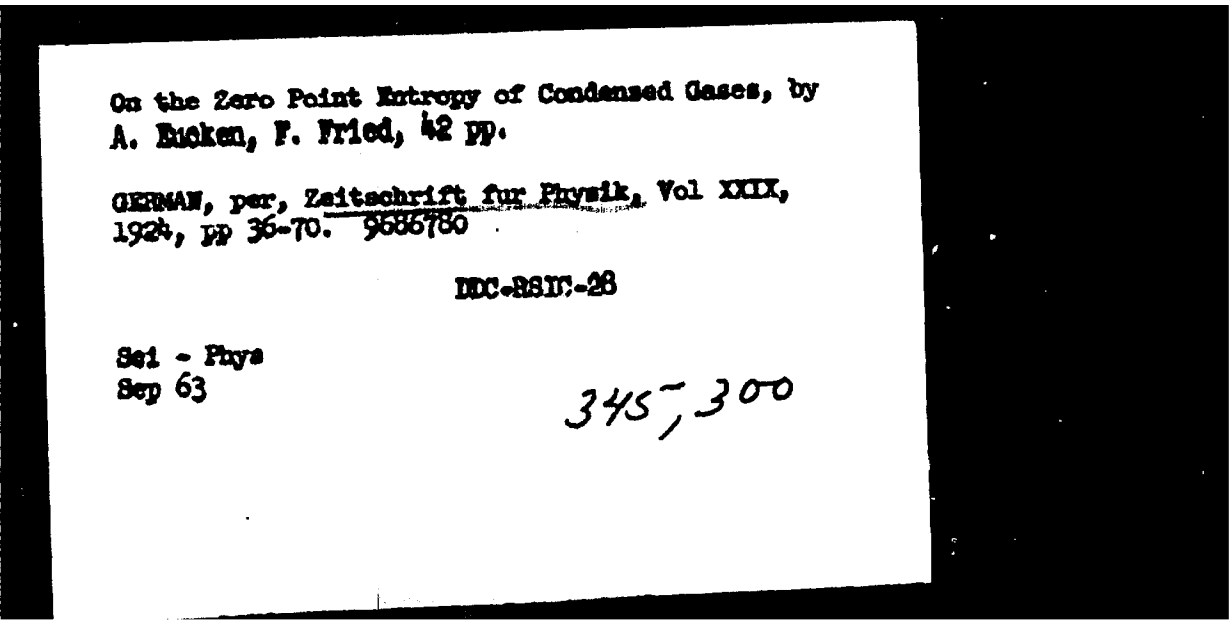


On the Zero Point Entropy of Condensed Gases, by A. Eucken, F. Fried, 42 pp.

GERMAN, per, Zeitschrift fur Physik, Vol XXIX, 1924, pp 36-70. 9686780

DDC-RSIC-28

Sci - Phys
Sep 63

345,300

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Doppler Effect in the Transition From Resonance Fluorescence to Reflections, by W. Kamp

GERMAN, per, Zeitschrift fuer Physik, Vol XXIX, 1924, pp 196-207.

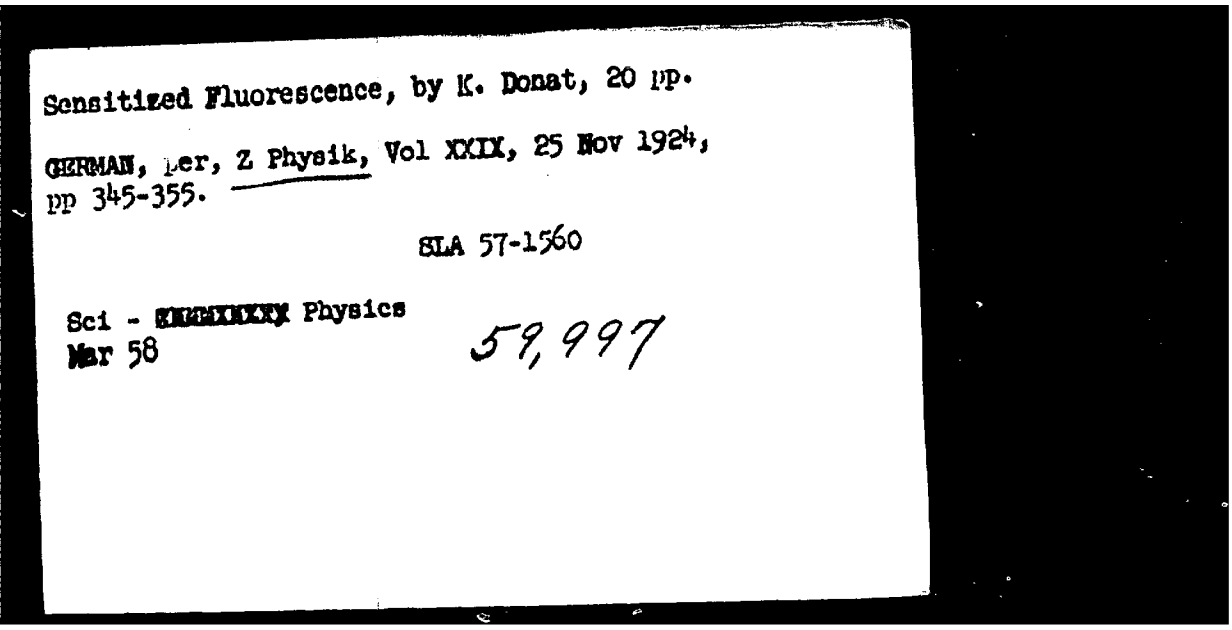
NZDIA

Sci-Phys
Mar 63

225,335

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



Sensitized Fluorescence, by K. Donat, 20 pp.

GERMAN, per, Z Physik, Vol XXIX, 25 Nov 1924, pp 345-355.

SLA 57-1560

Sci - Physics
Mar 58

59,997

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

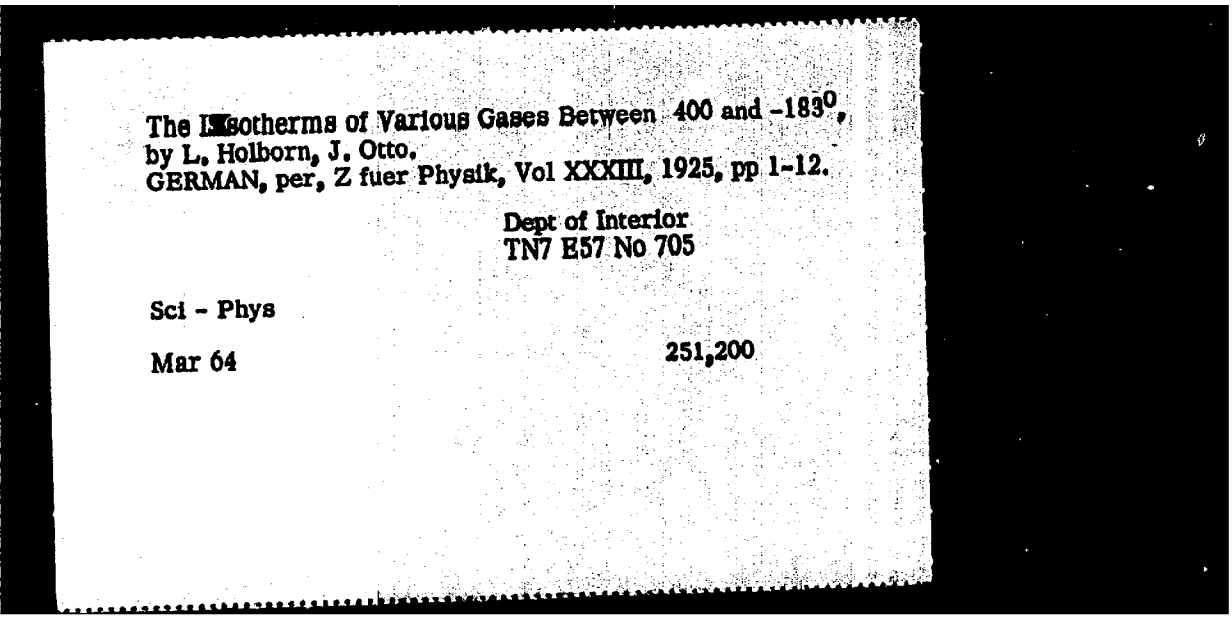
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Experimental Determination of Aberrations with the Twyman Interferometer, by K. Butkov. 11 p. GERMAN, per, Z. Fur Physik, Vol 30, 1924, pp 268-276.
RSTIC-735

GOVT. USE ONLY 342,482
EE
Sci/Phy
Feb 68

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5



The Isotherms of Various Gases Between 400 and -183°,
by L. Holborn, J. Otto.
GERMAN, per, Z fuer Physik, Vol XXXIII, 1925, pp 1-12.

Dept of Interior
TN7 E57 No 705

Sci - Phys

Mar 64

251,200

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Broadening of Spectral Lines, by J. Holtsmark.

No 25

GERMAN, per, Z. fuer Physik, [illegible], 1925, pp 73-84.

Air Res and Dev Command

TT 9 G-U 24,698

Scientific - Physics

Translation on tape - Jun 55 CTS

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Problem of the Infinitely Weak Field in Einstein's Gravitation Theory, by
K. Lanczos.
GERMAN, per, Zeit fur Physik, Vol 31, 1925, pp 112-132.
NLL Ref: 3774.5 (1850)

Sci-Phys
Oct 69

395,150

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Broadening of Spectral Lines, III., by
J. Holtsmark, B. Trumpy

GERMAN, per, Zeit fuer Physik, Vol XXXI, 1925,
pp 803-~~812~~ 812.

Air Res and Dev Command
TT-10 G
(translation on tape)

Scientific - Physics
Jan 56 CTS

30,229

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Permanent Polarization of Solid Dielectrics, by S. Mikola, 19 pp.

GERMAN, per, Z fuer Physik, Vol XXXII, No 6, 22 May 1925, pp 476-488.

US Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Physics
Oct 57

54, 265

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Monochromatization of the De Broglie-Radiation of Molecular Beams, by I. Estermann, R. Frisch, 16 pp.

GERMAN, per, Zeitschrift fur Physik, Vol XXXIII, 1925, pp 320-.

CIA/FDD X-4975

Sci - Phys

Aug 62

305, 904

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

On the Effect of Beam Density and Geometry on the Formation of Precipitates by Molecular Beams, by J. Esterman, 6 pp.

GERMAN, per, Zeitschrift fur Physik, Vol XXXIII, 1925, pp 320-.

CIA/FDD XX-4976

Sci - Phys

Aug 62

205, 906

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Making High Frequency Longitudinal Vibrations of Piezo-Electric Crystal Rods Visible, by E. Giebe, A. Scheibe, 14 pp.

GERMAN, per, Z Physik, Vol XXIII, 1925, pp 335-344.

SIA 58-149

Sci
Jul 59

93,015

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

A Simple Method for the Qualitative Measurement of the Piezo-Electric Effect in Crystals, by E. Liebe, A. Scheibe, 15 pp.

GERMAN, per, Z Physik, Vol XXXIII, No 10-11, Aug 1925, pp 760.

SIA 58-344

Sci
Jul 59

93,016

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

The Crystalline Strutcure of Manganese, by Arne Westgren, Costa Phragmen, 12 pp.

GERMAN, per, ~~Z fuer Physik,~~ Vol XXXIII, 20 Jul 1925, pp 777-788.

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AMSI I-2505
ID 2232450

Sci - M /M
May 63

230,794

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5

Quantum-Theoretical Reinterpretation of Kinematic and Mechanical Relations, by W. Heisenberg.
GERMAN, per, Zeit. Physik., Vol 33, No 12, pp 879-893, 1925
NASA TT F-9477

Sci-Engr
Nov 65

291,693

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100330046-5